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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/734,111

12/15/2003

Sergey Brin

0026-0021CON1

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03/13/2008

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EXAMINER

AL HASHEMI, SANA A

ART UNIT

PAPER NUMBER

2164

MAIL DATE

DELIVERY MODE

03/13/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/734,111

**Applicant(s)**

BRIN, SERGEY

**Examiner**

Sana Al-Hashemi

**Art Unit**

2164

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 13 December 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 35-41 and 43-49 is/are pending in the application.
- 4a) Of the above claim(s) 55-60 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 35-41 and 43-49 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB-08)
- Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

This action is issued in response to applicant's amendment filed 12/13/07.

#### ***Response to Amendment***

Claims 35-41, 43-49 were amended. Claims 1-34, 42, and 50-54 were canceled. Claims 55-60 were added.

Claims 35-41, and 43-49 are pending. Claims 55-60 are withdrawn from consideration.

#### ***Election/Restrictions***

1. Newly submitted claims 55-60 directed to an invention that is independent or distinct from the invention originally claimed for the following reasons: pending claims 35-41, 43-49 are directed to pattern matching in a structured data such as table which is classified in class 707 subclass 6. However, the claimed invention in the newly submitted claims is directed to a method of searching a database which is classified in 707 subclass 3.

Since applicant has received an action on the merits for the originally presented invention, this invention has been constructively elected by original presentation for prosecution on the merits. Accordingly, claims 55-60 withdrawn from consideration as being directed to a non-elected invention. See 37 CFR 1.142(b) and MPEP § 821.03.

#### ***Claim Rejections - 35 USC § 102***

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 35-41, and 43-49 are rejected under 35 USC 102(e) as being anticipated by Wu Patent No. 5,991,756 files Nov. 3, 1997.

Regarding Claims 35, 45, and 49 Wu discloses a computer-implemented method comprising:

Identifying a first tuple that corresponds to target information in documents stored in a database, the first tuple including a plurality of fields (Fig. 3, Col. 4, lines 41-49, Wu):

finding occurrences of the first tuple in the database (Col. 4, lines 50-53, Wu);

recognizing, based on the occurrences, a pattern in which the target information occurs in the database, where the pattern and the first tuple differ (Col. 4, lines 53-56, Wu); and

finding, based on the pattern, at least a second tuple in the database that corresponds to the target information (Col. 4, lines 56-63, Wu).

Regarding Claim 36, Wu discloses a method wherein the pattern is defined as text that matches a regular expression (Col. 3, lines 27-31, Wu).

Regarding Claim 37, Wu discloses a method wherein the text includes hyper-text markup language (HTML) (Col. 4, lines 50-57, Wu).

Regarding Claim 38, Wu discloses a method wherein the pattern includes middle text, where the middle text is between two of the fields on the first tuple (Col. 4, lines 57-61, Wu).

Regarding Claim 39, Wu discloses a method wherein the pattern includes middle text, the middle text is between two of the fields of the first tuple (Col. 4, lines 57-61, Wu).

Regarding Claim 40, Wu discloses a method further comprising:

Recognizing a plurality of different patterns based on the occurrence (Col. 6, lines 13-30, Wu).

Regarding Claim 41, Wu discloses a method where the pattern matches the fields of the first tuple (Col. 6, lines 41-50, Wu).

Regarding Claim 43, Wu discloses a method wherein the pattern is defined by a regular expression, context free grammar, or computable function (Col.4, lines 26-28, since the claim contain the term or which is alternative term art is applied only to the regular expression not to computable function, Wu).

Regarding Claim 44, Wu discloses a method wherein the database includes documents retrievable via the World Wide Web (Col. 4, lines 50-53, Wu).

Regarding Claim 46, Wu discloses a computer-readable storage device further comprising:

instruction of the identified tuple to the determined pattern (Col. 6, lines 16-19, Wu).

Regarding Claim 47, Wu discloses a computer-readable storage device further comprising:

Instruction to recognize a plurality of different patterns based on the occurrence (Col. 6, lines 13-30, Wu).

***Response to Arguments***

Applicant's arguments with respect to claims 35-41, 43-49 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

2. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

***Point of Contact***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sana Al-Hashemi whose telephone number is 571-272-4013. The examiner can normally be reached on 8Am-4:30Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on 571-272-4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Sana AL-Hashemi  
Primary Patent Examiner  
Technology Center 2100  
February 29, 2008

/Sana Al-Hashemi/  
Primary Examiner, Art Unit 2164